

IN THE CLAIMS:

Please **amend** claims 1 and 3-5, and **add** new claims 6-8, as shown in the complete list of claims that is presented below.

1. (currently amended) An optical scanner, comprising:
a glass window, for holding an object to be scanned;
an optical module, which is movable relative to the glass window and includes an image sensor for transforming an image of the object to an electric signal for outputting, and generating [[a]] digital image data;
a first reference white board, located on one side of the glass window; and
a second reference white board, corresponding the first reference white board;
wherein the image sensor measures the first reference white board and the second reference white board to obtain [[an]] AFE (analog front end) data and ~~couple with~~ brightness variations in a Y direction to compensate the digital image data when the optical scanner is powered on, thereby to perform ~~instant~~ quick scanning or preview.

2. (original) The optical scanner of claim 1, wherein the first reference white board is perpendicular to the second reference white board.

3. (currently amended) The optical scanner of claim 1, further comprising a third reference white board perpendicular to the second reference white board and in parallel with the first reference white board.

4. (currently amended) The optical scanner of claim 1, wherein the image sensor of the optical module ~~is coupled~~ cooperates with the second reference white board to measure the brightness variations in the Y direction.

5. (currently amended) The optical scanner of claim 1, further comprising a photosensitive diode located on one side of the optical module to ~~couple~~ cooperate with the second reference white board to measure the brightness variations in the Y direction.

6. (new) An optical scanner, comprising:

a transparent window, for holding an object to be scanned;

a light source for illuminating the object;

an optical module, which is movable in a Y direction relative to the glass window and which includes an image sensor for generating image data of the object, the image sensor being elongated and extending in an X direction;

an elongated first reference white board, located along one side of the window and extending in the X direction; and

an elongated second reference white board, located along another side of the window and extending in the Y direction,

wherein the image sensor measures the first reference white board and the second reference white board to obtain data that includes brightness variations in the Y direction, for compensating the image data when the optical scanner is powered on so as to permit quick scanning or preview.

7. (new) The optical scanner of claim 6, further comprising an elongated third reference white board located along a further side of the window.

8. (new) The optical scanner of claim 6, wherein the third reference white board extends in the X direction.